

Individual Quiz # 1: Friday

By hand

- sketch a polar curve
- ✱ find the equation of a tangent line to a polar curve
- ✓ evaluate an improper integral
- ✓ evaluate an integral requiring partial fractions

With grapher

- graph a polar curve
- find the smallest interval of completion
- classify it and state symmetry

Individual Quiz # 2, possible topics

Euler's Method

Integration by parts

Separation of variables to find a particular solution to a differential equation.

length of a curve. (Arc length)

Probable date: Tuesday, June 5

HW: Period 3

Write or find one problem that is to evaluate an improper integral.

Show clear process to support the answer.

Due turned in tomorrow.

HW: Period 4

Write or find one problem that is to evaluate an integral requiring partial fractions.

Show clear process to support the answer.

Due turned in tomorrow.